

| Ref # | Hits    | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|---------|--|---|------------------|---------|------------------|
| L1    | 172402  | (programmable perovskite complex conduct\$4 resist\$4) adj2 metal pcmo LSMO GBCO CMR adj oxide | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/05/19 07:41 |
| L2    | 1646545 | memory   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/05/19 07:41 |
| L3    | 4832396 | conduct\$4 resist\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/05/19 07:41 |
| L4    | 5558    | L3 adj L2  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/05/19 07:41 |
| L5    | 434     | L4 and L1  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/05/19 07:41 |
| L6    | 1177418 | (dop\$4 impurit\$3 (ión near3 implant\$3) diffus\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/05/19 07:41 |
| L7    | 341     | L5 and L6  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/05/19 07:41 |
| L8    | 11174   | L3 adj2 L2   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/05/19 07:41 |
| L9    | 2362    | L8.ab.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/05/19 07:41 |
| L10   | 82      | L7 and L9  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/05/19 08:28 |

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| S1  | 0       | 10/753914   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/09/10 11:07 |
| S2  | 1       | 09/948877   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/28 07:52 |
| S3  | 1736    | "KONINKLIJKE PHILIPS".as.   | USPAT   | OR | ON | 2003/08/19 13:35 |
| S4  | 6134    | (programmable perovskite complex conduct\$4<br>resist\$4) adj metal adj oxide pcmo LSMO GBCO CMR<br>adj oxide | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/25 15:04 |
| S5  | 166335  | (programmable perovskite complex conduct\$4<br>resist\$4) adj2 metal pcmo LSMO GBCO CMR adj<br>oxide          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/27 07:58 |
| S6  | 2       | "6204139".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/25 15:02 |
| S7  | 23      | ("6204139").URPN.   | USPAT   | OR | ON | 2005/01/25 15:03 |
| S8  | 2357617 | conduct\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/25 15:05 |
| S9  | 248412  | metal\$4 adj (oxide oxidation)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/25 15:06 |
| S10 | 8822907 | first bottom lower down   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/25 15:08 |
| S11 | 7816625 | second top upper  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/25 15:44 |
| S12 | 1646569 | oxide oxidation   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/25 15:23 |

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| S13 | 31608    | S8 adj3 S12   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/25 15:28 |
| S14 | 4348     | S8 adj S9   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/25 15:28 |
| S15 | 1        | 09/826386   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/25 15:29 |
| S16 | 1061989  | ((multi\$4 multiplicit\$3 plural\$4) adj (layer film)<br>multilayer\$3 sublayer\$3 (multi sub) adj layer\$3 layered<br>laminat\$4 Tripart\$4) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/25 15:31 |
| S20 | 30476986 | (@ad @pd) <"20031023"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/25 16:22 |
| S22 | 2        | S16 adj S14   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/25 16:26 |
| S23 | 768      | S10 adj S13   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/25 16:35 |
| S24 | 483      | S11 adj S13   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/25 16:36 |
| S25 | 74       | S23 same S24  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/25 16:37 |
| S26 | 1590437  | memory  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/25 16:37 |

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| S27 | 14      | S25 same S26            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/25 16:39 |
| S28 | 14      | S27 and S25             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/25 16:40 |
| S29 | 14      | S27 and S23 and S24     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/27 07:21 |
| S30 | 2361216 | conduct\$4              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/27 07:21 |
| S31 | 8833677 | first bottom lower down | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/27 07:21 |
| S32 | 7826787 | second top upper        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/27 07:21 |
| S33 | 1648995 | oxide oxidation         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/27 07:21 |
| S34 | 31698   | S30 adj3 S33            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/27 07:21 |
| S35 | 769     | S31 adj S34             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/27 07:21 |
| S36 | 484     | S32 adj S34             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/27 07:21 |

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| S37 | 74      | S35 same S36   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/27 07:21 |
| S38 | 1593781 | memory   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/27 07:21 |
| S39 | 14      | S37 same S38   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/27 07:21 |
| S40 | 14      | S39 and S35 and S36  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/27 07:44 |
| S41 | 146796  | sharp.as.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/27 07:44 |
| S42 | 166754  | (programmable perovskite complex conduct\$4<br>resist\$4) adj2 metal pcmo LSMO GBCO CMR adj<br>oxide | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/27 09:53 |
| S43 | 1593781 | memory   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/27 08:06 |
| S44 | 71      | S42 adj2 S38   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/27 08:06 |
| S45 | 4724557 | conduct\$4 resist\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/27 08:10 |
| S46 | 5235    | S45 adj S43  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/27 09:59 |

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| S47 | 126     | S41 and S46  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/27 08:12 |
| S48 | 37      | S47 and S42  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/27 08:23 |
| S49 | 375     | S46 and S42  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/27 08:37 |
| S50 | 1144585 | (dop\$4 impurit\$3 (ion near3 implant\$3) diffus\$4) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/27 08:39 |
| S51 | 1461577 | active   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/27 08:40 |
| S52 | 728174  | (S42 S45 S51) adj (film layer material)              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/27 08:42 |
| S53 | 18614   | S50 near2 S52  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/27 08:42 |
| S54 | 45      | S49 and S53  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/27 09:36 |
| S55 | 290     | S49 and S50  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/27 09:52 |
| S56 | 31      | S42 near S43   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/27 09:52 |

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| S57 | 1015  | S42 with S43 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/27 09:53 |
| S58 | 122   | S55 and S57  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/27 09:58 |
| S59 | 290   | S46 and S55  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/27 09:58 |
| S60 | 1072  | S46.ab.      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/27 09:58 |
| S61 | 56    | S60 and S55  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/27 09:58 |
| S62 | 10584 | S45 adj2 S43 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/27 10:02 |
| S63 | 290   | S55 and S62  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/27 10:02 |
| S64 | 2250  | S62.ab.      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/27 10:02 |
| S65 | 298   | S55 and36    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/27 10:02 |
| S66 | 63    | S55 and S64  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/19 07:41 |

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| S67 | 15      | ("5,666,217" "6,323,525" "6,473,332" "6,774,054"),pn.<br>"20040109351" "20040235247" 10/605757 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/28 08:01 |
| S68 | 2066    | (sr strontium) near2 (zirconate zirconium zr )   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/28 09:47 |
| S69 | 89      | szo  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/28 08:09 |
| S70 | 6       | S68 and S69  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/28 09:47 |
| S71 | 24256   | (perovskite superlattice)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/28 08:10 |
| S72 | 2149    | S68 S69  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/28 08:10 |
| S73 | 119     | S72 with S71   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/28 08:10 |
| S74 | 1966924 | memory thin adj film   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/28 08:11 |
| S75 | 64      | S73 and S74  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/28 08:11 |
| S76 | 1034    | (sr strontium) near (zirconate zirconium zr )  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/28 09:47 |